

Method for the removal of particulate matter from aqueous suspension comprising steps of

5 establishing value of pH and of Zeta potential of particles
in the suspension;
providing a porous filter having a membrane layer consist-
ing of at least a metal-oxide with a Zeta potential at the
pH value of the suspension having same polarity of the Zeta
potential as the particles in the suspension;
passing the suspension through the porous filter; and
withdrawing a filtrate.